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                 patents
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                 patent family display formats from INPADOCDB
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NEWS
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                 spectral property data
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                 World Patents Index
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NEWS 11
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         SEP 17
                 CA/CAplus enhanced with printed CA page images from
                 1967-1998
NEWS 13
         SEP 17
                 CAplus coverage extended to include traditional medicine
                 patents
NEWS 14 SEP 24
                 EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS 15
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                 CA/CAplus enhanced with pre-1907 records from Chemisches
                 Zentralblatt
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NEWS 17
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         DEC 17
                 IMSDRUGCONF removed from database clusters and STN
         DEC 17
NEWS 24
                 DGENE now includes more than 10 million sequences
NEWS 25
         DEC 17
                 TOXCENTER enhanced with 2008 MeSH vocabulary in
                 MEDLINE segment
         DEC 17
NEWS 26
                 MEDLINE and LMEDLINE updated with 2008 MeSH vocabulary
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         DEC 17
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         DEC 17
                 STN Viewer enhanced with full-text patent content
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         JAN 28
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         JAN 28
                 MARPAT searching enhanced
NEWS 33
         JAN 28
                 USGENE now provides USPTO sequence data within 3 days
                 of publication
NEWS 34
         JAN 28
                 TOXCENTER enhanced with reloaded MEDLINE segment
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NEWS 35 JAN 28 MEDLINE and LMEDLINE reloaded with enhancements

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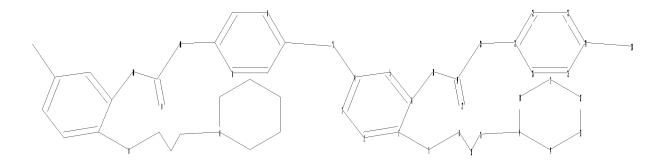
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chain nodes :
7 8 15 16 17 18 19 20 27 28
ring nodes :
1 2 3 4 5 6 9 10 11 12 13 14 21 22 23 24 25 26
chain bonds :
1-7 4-17 6-18 7-8 8-15 9-16 15-16 18-19 19-20 19-27 20-21 24-28
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 9-14 9-10 10-11 11-12 12-13 13-14 21-22 21-26
22-23 23-24 24-25 25-26
exact/norm bonds :
1-7 6-18 7-8 9-14 9-10 9-16 10-11 11-12 12-13 13-14 18-19 19-20 19-27
20-21
exact bonds :

4-17 8-15 15-16 24-28 normalized bonds:

 $1-2 \quad 1-6 \quad 2-3 \quad 3-4 \quad 4-5 \quad 5-6 \quad 21-22 \quad 21-26 \quad 22-23 \quad 23-24 \quad 24-25 \quad 25-26$

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:Atom 10:Atom 11:Atom 12:Atom 13:Atom 14:Atom 15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:CLASS 20:CLASS 21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 27:CLASS 28:CLASS

L1 STRUCTURE UPLOADED

=> s l1 sss ful FULL SEARCH INITIATED 09:48:59 FILE 'REGISTRY' FULL SCREEN SEARCH COMPLETED - 68 TO ITERATE

100.0% PROCESSED 68 ITERATIONS 1 ANSWERS SEARCH TIME: 00.00.01

L2 1 SEA SSS FUL L1

=> d 12

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2008 ACS on STN RN 457098-78-1 REGISTRY

ED Entered STN: 30 Sep 2002

CN Urea, N-[5-methyl-2-[3-(1-piperidinyl)propoxy]phenyl]-N'-(5 methylpyrazinyl)- (9CI) (CA INDEX NAME)
OTHER NAMES:

 $\text{CN} \qquad 1-[5-\text{Methyl}-2-(3-(\text{piperidin}-1-\text{yl})\text{propoxy})\text{phenyl}]-3-(5-\text{methylpyrazin}-2-(3-(\text{piperidin}-1-\text{yl})\text{propoxy})\text{phenyl}]-3-(5-\text{methylpyrazin}-2-(3-(\text{piperidin}-1-\text{yl})\text{propoxy})\text{phenyl}]-3-(5-\text{methylpyrazin}-2-(\text{piperidin}-1-\text{yl})\text{propoxy})\text{phenyl}]-3-(5-\text{methylpyrazin}-2-(\text{piperidin}-1-\text{yl})\text{propoxy})\text{phenyl}]-3-(5-\text{methylpyrazin}-2-(\text{piperidin}-1-\text{yl})\text{propoxy})\text{phenyl}]-3-(5-\text{methylpyrazin}-2-(\text{piperidin}-1-\text{yl})\text{propoxy})\text{phenyl}]-3-(5-\text{methylpyrazin}-2-(\text{piperidin}-1-\text{yl})\text{propoxy})\text{phenyl}]-3-(5-\text{methylpyrazin}-2-(\text{piperidin}-1-\text{yl})\text{propoxy})\text{phenyl}]-3-(5-\text{methylpyrazin}-2-(\text{piperidin}-1-\text{yl})\text{propoxy})\text{phenyl}]-3-(5-\text{methylpyrazin}-2-(\text{piperidin}-1-\text{yl})\text{propoxy})\text{phenyl}]-3-(5-\text{methylpyrazin}-2-(\text{piperidin}-1-\text{yl})\text{propoxy})\text{phenyl}]-3-(5-\text{methylpyrazin}-2-(\text{piperidin}-1-\text{yl})\text{propoxy})\text{phenyl}]-3-(5-\text{methylpyrazin}-2-(\text{piperidin}-1-\text{yl})\text{propoxy})\text{phenyl}]-3-(5-\text{methylpyrazin}-2-(\text{piperidin}-1-\text{yl})\text{propoxy})\text{phenyl}]-3-(5-\text{methylpyrazin}-2-(\text{piperidin}-1-\text{yl})\text{propoxy})\text{phenyl}]-3-(5-\text{methylpyrazin}-2-(\text{piperidin}-1-\text{yl})\text{propoxy})\text{phenyl}]-3-(5-\text{methylpyrazin}-2-(\text{piperidin}-1-\text{yl})\text{propoxy})\text{phenyl}]-3-(5-\text{methylpyrazin}-2-(\text{piperidin}-1-\text{yl})\text{propoxy})\text{phenyl}]-3-(5-\text{methylpyrazin}-2-(\text{piperidin}-1-\text{yl})\text{propoxy})\text{phenyl}]-3-(5-\text{methylpyrazin}-2-(\text{piperidin}-1-\text{yl})\text{propoxy})\text{phenyl}]-3-(5-\text{methylpyrazin}-2-(\text{piperidin}-1-\text{yl})\text{propoxy})\text{phenyl}]-3-(5-\text{methylpyrazin}-2-(\text{piperidin}-1-\text{yl})\text{propoxy})\text{phenyl}]-3-(5-\text{methylpyrazin}-2-(\text{piperidin}-1-\text{yl})\text{propoxy})\text{phenyl}]-3-(5-\text{methylpyrazin}-2-(\text{piperidin}-1-\text{yl})\text{propoxy})\text{phenyl}]-3-(5-\text{methylpyrazin}-2-(\text{piperidin}-1-\text{yl})\text{propoxy})$

yl)urea

MF C21 H29 N5 O2

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPAT2, USPATFULL

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1 REFERENCES IN FILE CA (1907 TO DATE)
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=> s 12

L3 1 L2

=> d 13

L3 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2002:695962 CAPLUS

DN 137:232680

TI Preparation of aryl and heteroaryl urea selective Chk1 inhibitors for use

as radiosensitizers and chemosensitizers for treating diseases and conditions related to DNA damage or lesions in DNA replication Keegan, Kathleen S.; Kesicki, Edward A.; Gaudino, John Joseph; Cook, Adam ΤN Wade; Cowen, Scott Douglas; Burgess, Laurence Edward Icos Corporation, USA PA SO PCT Int. Appl., 236 pp. CODEN: PIXXD2 DT Patent English LA FAN.CNT 1 KIND DATE APPLICATION NO. PATENT NO. ______ WO 2002070494 PΙ A1 20020912 WO 2002-US6452 20020301 W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG 20020912 CA 2002-2439709 20020919 AU 2002-258451 20030410 US 2002-87715 A1 20020301 CA 2439709 A1 AU 2002258451 20020301 A1 US 2003069284 20020301 US 7067506 В2 20060627 20040114 EP 2002-728396 EP 1379510 A1 20020301 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR CN 1507436 A 20040623 CN 2002-809321 20020301 1 20040805 JP 2002-569814 20020301
BR 2002007811 A 20050201 BR 2002-7811 20020301
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